

FIELD CHANGE REQUEST (FCR) FORM

Project Name: Arkema Project Area – PDI Phase 1

Project No.: CF167

Client: LSS/Retia USA

Request No.: FCR-12

To: Madi Novak, EPA Date: December 10, 2021

Field Change Request Title: Move SC-18 Core 20 ft from Target Location and Increase the Radius around Target Locations.

Description:

The Arkema Project Area Pre-Design Investigation (PDI) work plan specifies the following in Section 4.2.3 regarding vibracore sediment sampling (p. 4-3):

If less than 80 percent recovery is achieved, up to two additional attempts will be made within a 10-ft radius of the station coordinates. If all three cores have less than 80 percent recovery, the core with the greatest recovery will be retained and processed.

Three vibracores were attempted at SC-18 within a 10-ft radius of the station coordinates, but the penetration depths (0.0 ft to 5.9 ft) and recovery (0% to 68%) were limited due to wood debris in the area. The 10 ft radius specified in the Arkema PDI work plan is too stringent for the nearshore cores adjacent to and downstream of the Arkema docks due to significant wood, concrete, and other debris near the shoreline.

Recommended Change:

The vibracore for SC-18 was moved approximately 20 ft from the station coordinates and an acceptable core was collected (6.7 ft of penetration [refusal] and 84% recovery).

The radius around the station coordinates will be increased to 25 ft. If an acceptable core cannot be obtained after three attempts within a 25-foot radius of the planned sample location, the field crew will step out up to a 50-foot radius for up to two additional sampling attempts. If acceptable core cannot be obtained within a 50-foot radius of the planned location, the Field Coordinator will confer with the PDI Project Coordinator and a field change request form will be submitted to EPA. EPA must approve any modifications to the sample location or sampling methods prior to implementing changes in the field. The field crew will move to another sample location while an alternate location or other options are being identified.

Eron Dodak
Field Operations Lead (or designee)


Signature

December 10, 2021
Date

Approval:

Eron Dodak
Project Manager


Signature

December 10, 2021
Date

Madi Novak
EPA Remedial Project Manager

Signature

Date

Distribution:

LSS Project Coordinator

Integral Project Manager

Field Operations Lead

QA Officer

Project File

Other: